

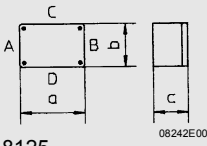


01749E00

EEx e-Enclosures in Metal Series 8125

- Explosion protection to
 - CENELEC
 - IEC
- Can be used
 - in Zone 1 and Zone 2
 - in Zone 21 and Zone 22
- Enclosure material
 - Painted sheet steel
 - Stainles steel
- 6 enclosure sizes available

Selection table

Version	Dimensions [mm]			Ordering code	Weight kg
	a	b	c		
 <p>8125 EEx e-enclosure</p>	176.5	116.5	91	8125/5041 - .	1,000
	176.5	176.5	91	8125/5051 - .	1,500
	236.5	176.5	91	8125/5061 - .	2,100
	236.5	176.5	150	8125/5063 - .	2,800
	360	176.5	91	8125/5071 - .	3,100
	360	176.5	150	8125/5073 - .	4,000
	360	360	91	8125/5081 - .	5,600
	360	360	150	8125/5083 - .	6,000
	360	360	190	8125/5085 - .	6,500
	360	360	230	8125/5086 - .	7,200
	727	360	91	8125/5091 - .	8,500
	727	360	150	8125/5093 - .	9,200
	727	360	190	8125/5095 - .	10,100

Add. to ordering code

Standard:	Sheet steel	Flanges specify with order: enclosure side and material	8125/5...-1
Special:	Stainless steel	Flanges specify with order: enclosure side and material	8125/5...-2

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Technical Data	
Explosion protection	
Gas explosion protection	⊕ II 2 G EEx edmq [ia / ib] IIA, IIB resp. IIC T6, T5 resp. T4
Dust explosion protection	⊕ II 3 D T85 °C, T100 °C, T135 °C
Certificates	
Gas explosion protection	PTB 01 ATEX 1001
Dust explosion protection	LCIE 03 ATEX 6292
Other certificates	CSA (Canada), UL (USA), VNIIEF (Russia)
Material	
Enclosure	
Standard	Sheet steel, galvanized; powder coated RAL 7032
Special	Stainless steel 1.4404; Electro-polished (sea water and acid resistant)
Gaskets	Polyurethan, foam
Cover fixing	
Standard	M 6, Cheese-head screws with combi-slot; captive; stainless steel
Special	with cover hinges
Rated working voltage	max. 1100 V according to terminals and Ex-components used
Rated working current	max. 630 A according to terminals and Ex-components used
Conductor size	max. 240 mm ² according to terminals and Ex-components used
Flanges	
Standard	The enclosures are supplied without flanges in the standard version
Special	The enclosures can be fitted on one or more sides with flanges; flange material: sheet steel, galvanized or stainless steel
Degree of protection	IP 66 (dependent on components used)
Ambient temperature	- 55 °C ... + 55 °C

